

US Naval Open Systems Architecture Strategy

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Agenda

- System Challenges
- Open Systems Architecture (OSA) Attributes
- Open Business Attributes
- Standards & Technologies
- Creating Success

AIR



C4I



MARINES



SPACE



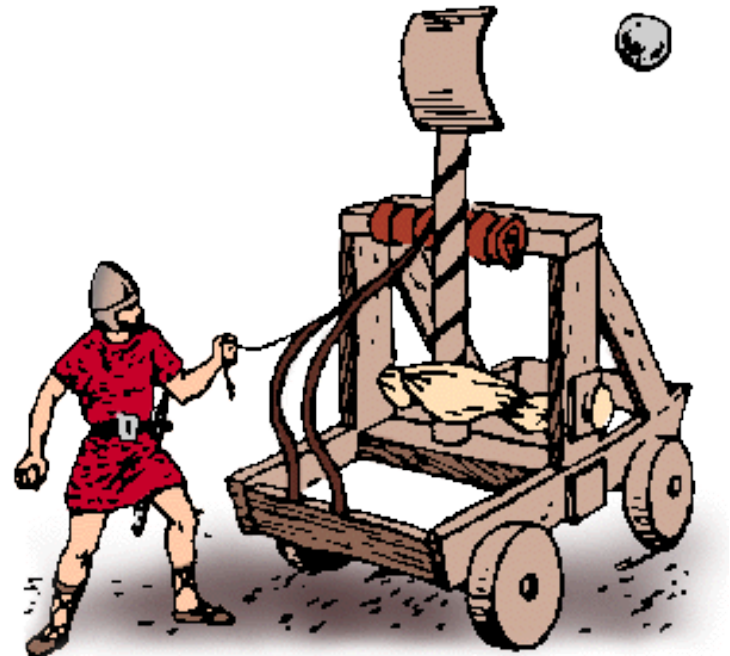
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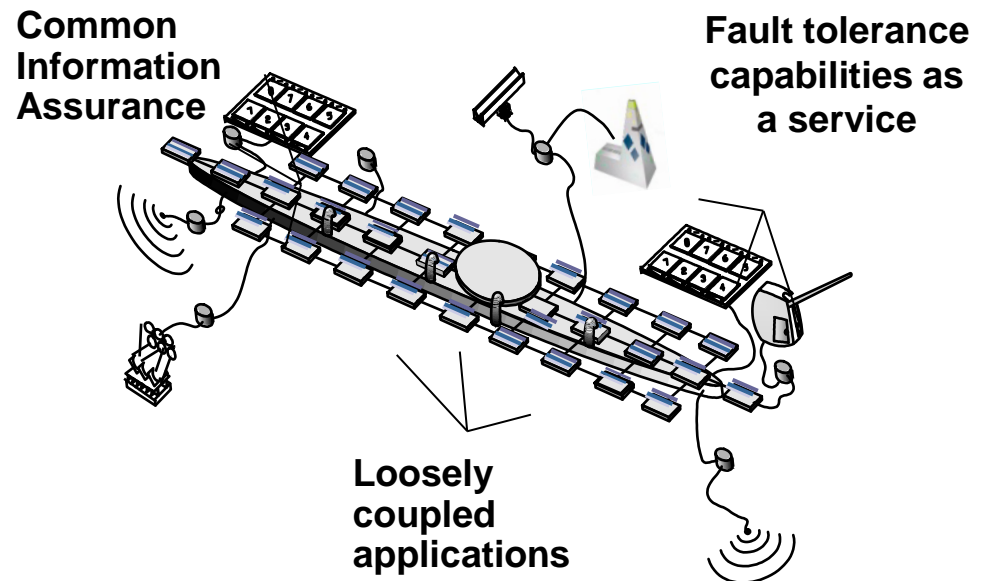
SURFACE



- **Proprietary Ad-hoc Designs**
- **Testing Issues**
- **Poor Reliability**
- **Late Deliveries**
- **Poor Performance**
- **Difficult To Update**
- **High Life Cycle Costs**



- Design Disclosure
- Well Defined, Published Interfaces
- Open Standards, Technology & Tools
- COTS Hardware
- Design Reuse
- Assert Data Rights
- Open Infrastructure



- **A Marketplace Environment**
- **Competition**
- **Low Barriers To Entry**
- **Uniform Evaluation Criteria**
- **Property Rights And Protections**
- **Trust Between Participants**
- **Governance**

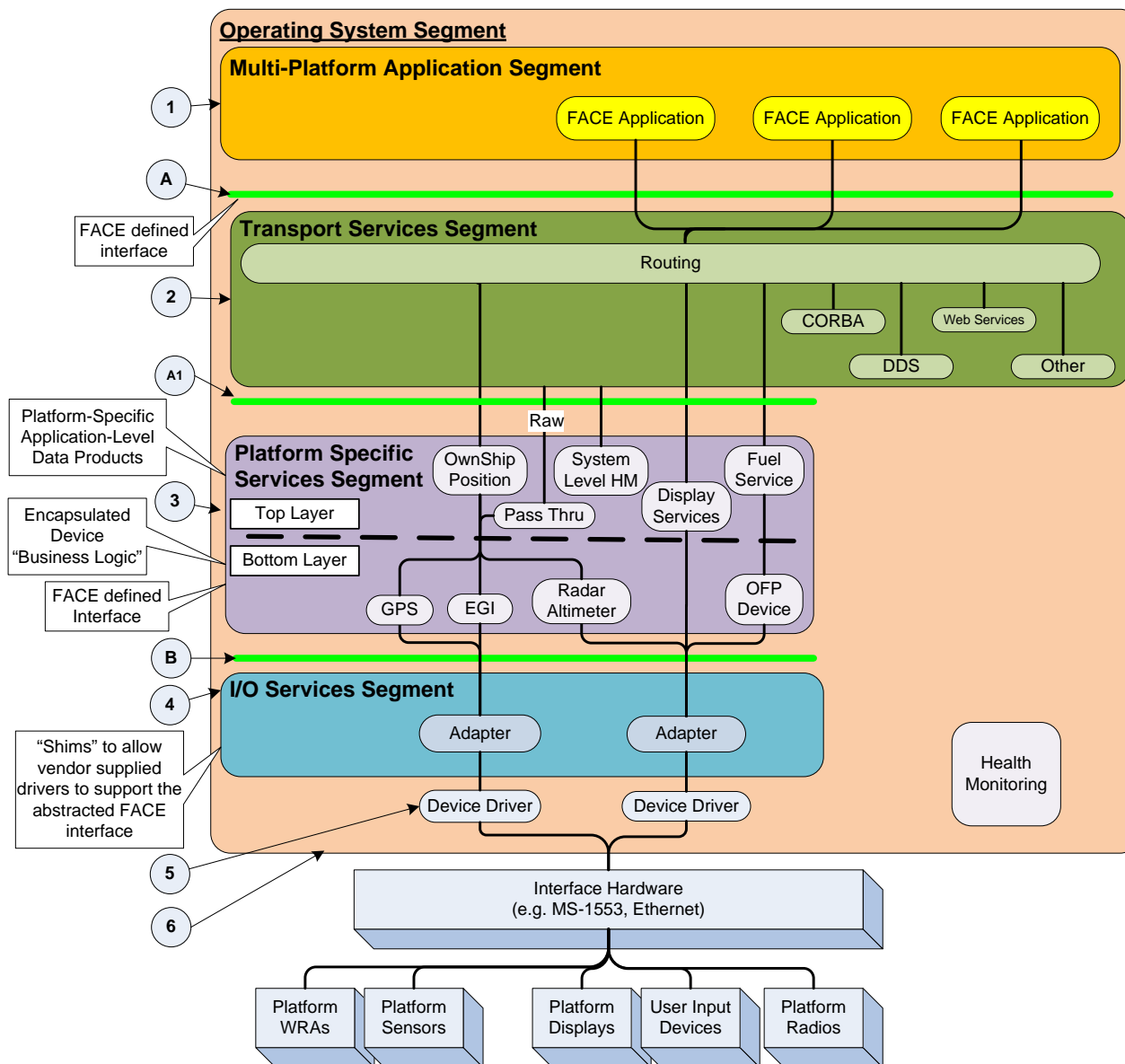


Standards & Technologies

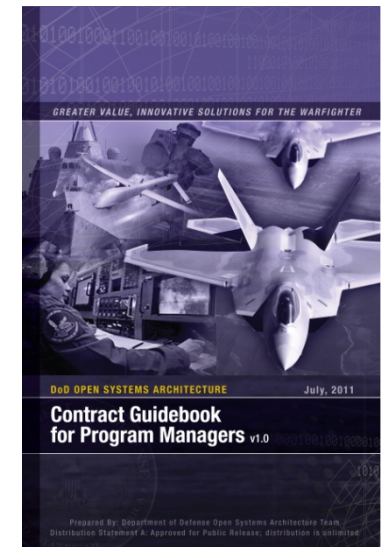


Using Standards Reduces Risk and Encourages Innovation

Future Airborne Capability Environment (FACE)



- Leverage a consistent message to Industry
- Reduce your risk in contracting:
 - Statement of Work
 - Deliverables
 - Instructions to offerors and grading criteria
- Understand what to look for to get OSA products
- Leverage Data Rights for the life cycle
- Capture OSA Best Practices for each program
 - Early and often design disclosure
 - Break vendor lock
 - Peer reviews for technology evaluation
 - Minimize duplication / maximize Enterprise value



<https://acc.dau.mil/OSAGuidebook>



This page contains dynamic content -- Highest classification is UNCLASSIFIED//FOUO

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Vulnerator - Retina IAC Mappings



These are csv files that map retina findings ID's to IA Controls. They can be referenced with the Vulnerator to add the IA Controls to the report. Column 1 is the finding ID (retina RTH number), and Column 2 is the IA Control text.

JCSFL:

Mission area/domain: Enterprise Information Environment/Information Assurance

DoD Component: Navy

License type: DoD Community Source



Business POC

Technical POC

Contact us

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Computing environment

Computing environment supported:

Software dependencies:

OS supported:

Implementation language: .Net

Special HW required or supported:

Frameworks supported:

Services required:

Product implementations

No product implementations provided.

Item information

Program/Project: Thinking Compliance

Created date: July, 2010

First in-service date: July, 2010

Current revision: 1

Maturity:

Statistics

Forge.mil downloads

3980

- **Assert Data Rights**
- **Break Vendor Lock**
- **Separate Integrators From Application Developers**
- **Reuse Successful Designs**
- **Create Level Playing Field**
- **Reward Good Behavior**
- **Require Accountability**



- **Break Up Stovepiped Legacy Systems**
- **Use Common Architectural Frameworks**
- **Replace Proprietary Designs**
- **Use An Open Business Model With OSA**
- **Compete for Best Acquisition Performance**

